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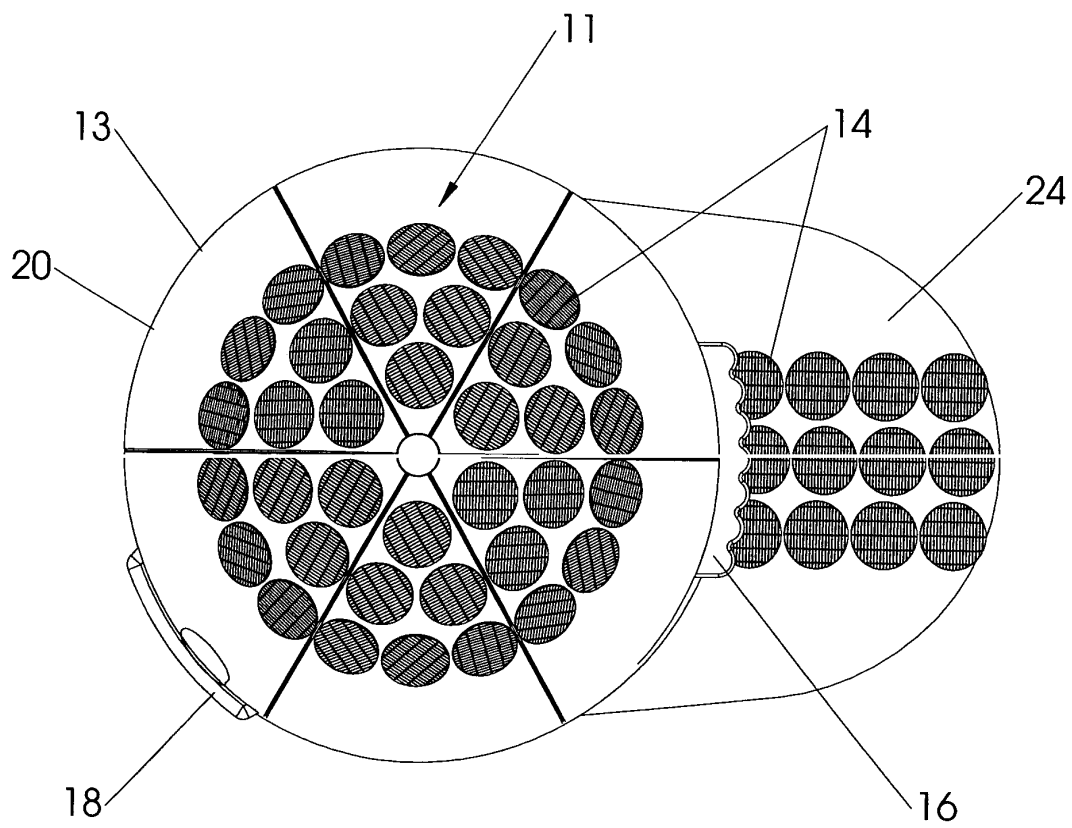
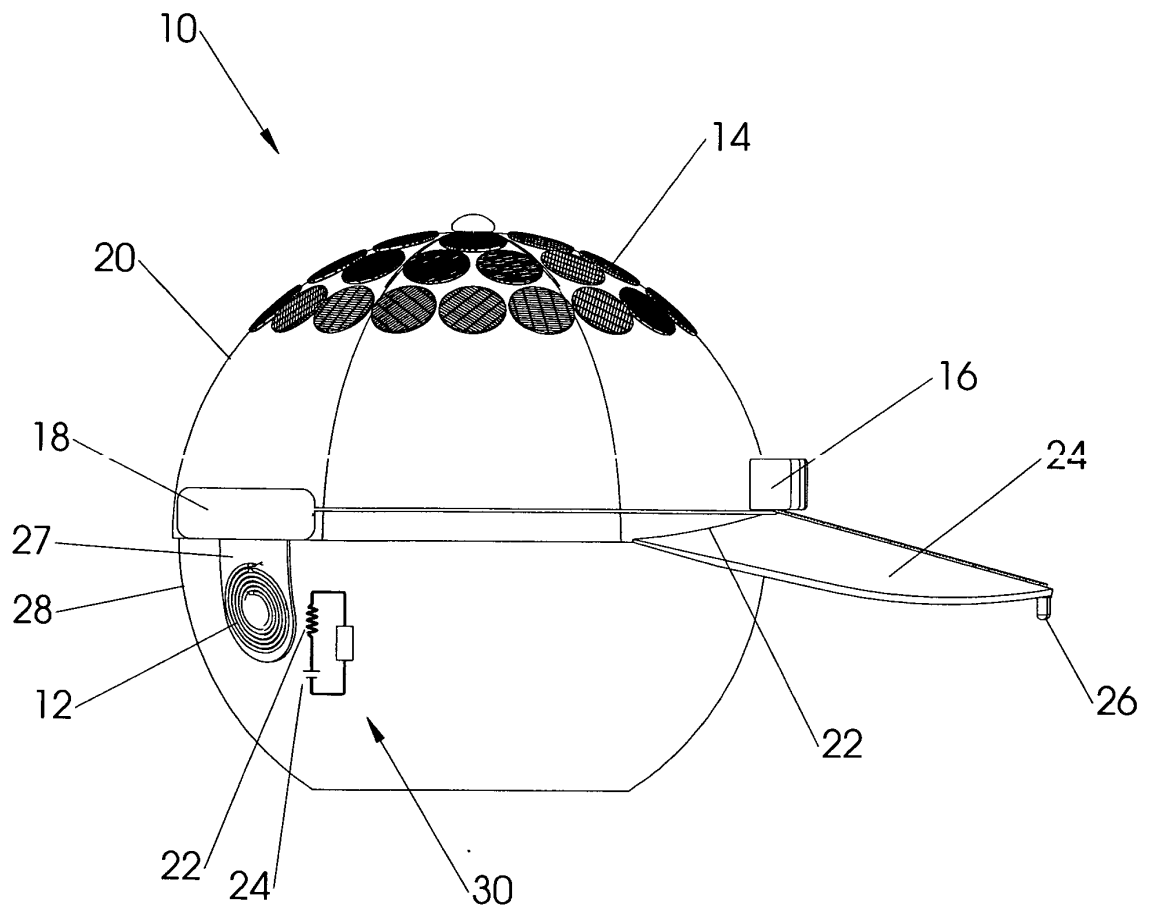


FIG. 1

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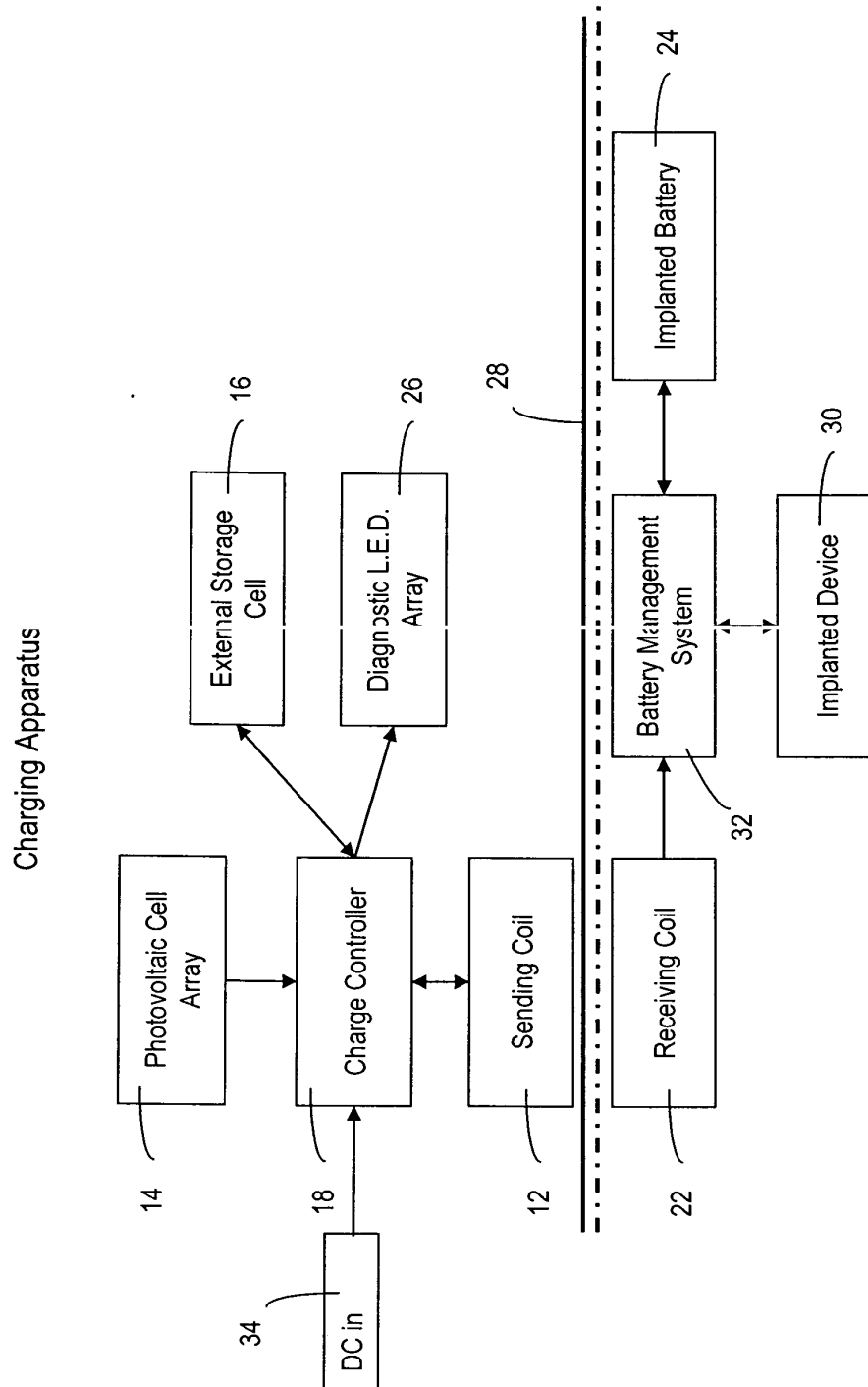


FIG. 3

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Mode 1: Charging Implanted Battery From Photovoltaic Array

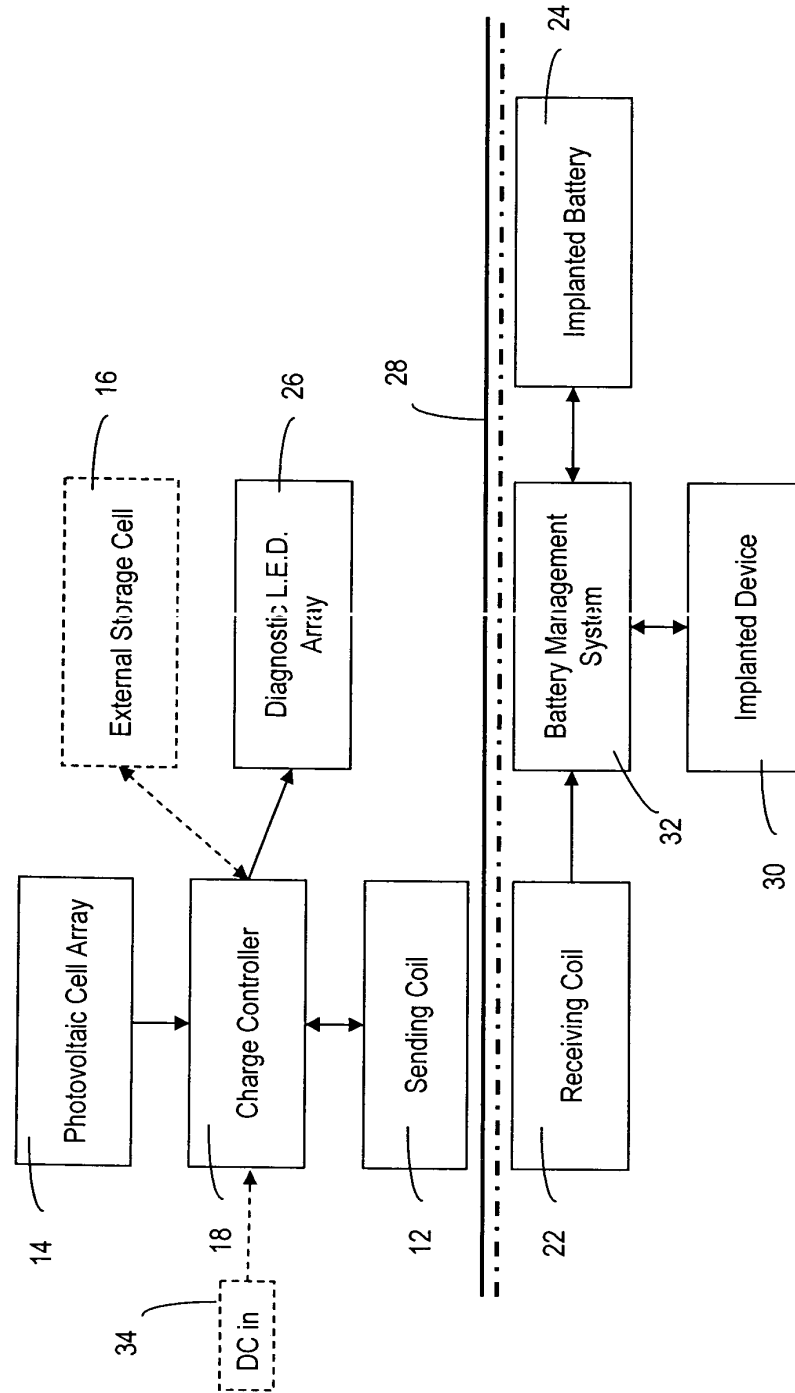


FIG. 4

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Mode 2: Charging Implanted Battery from External Cell

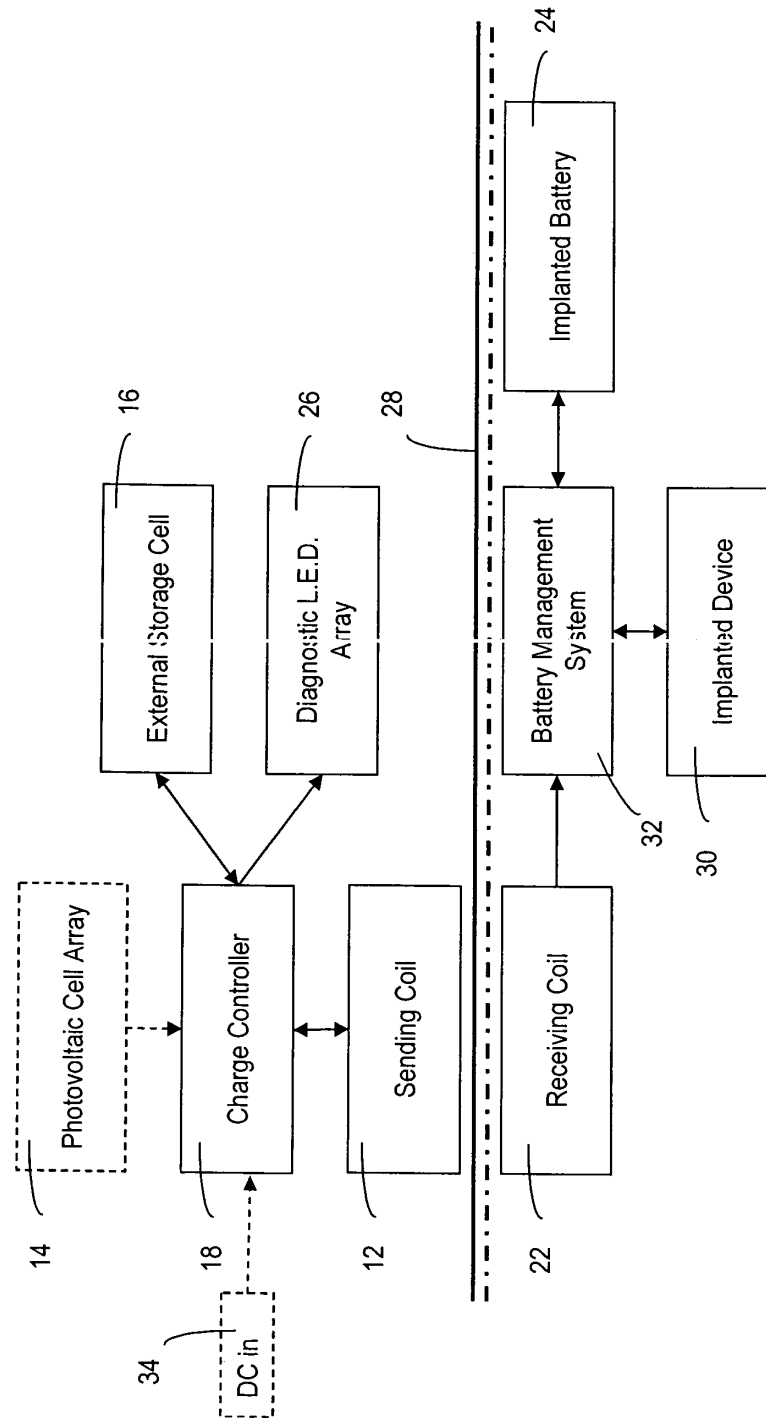


FIG. 5

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Mode 3: Charging Implanted Battery from DC Source

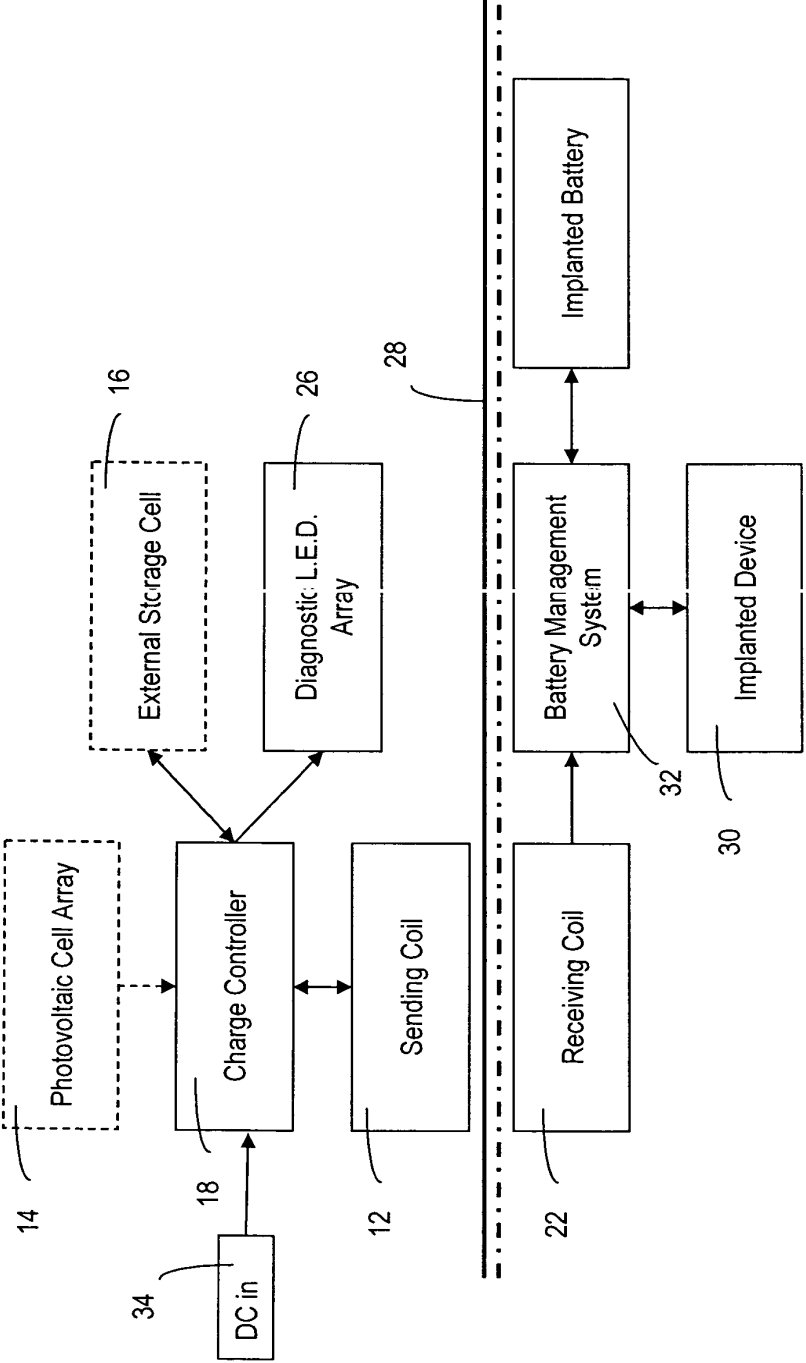


FIG. 6

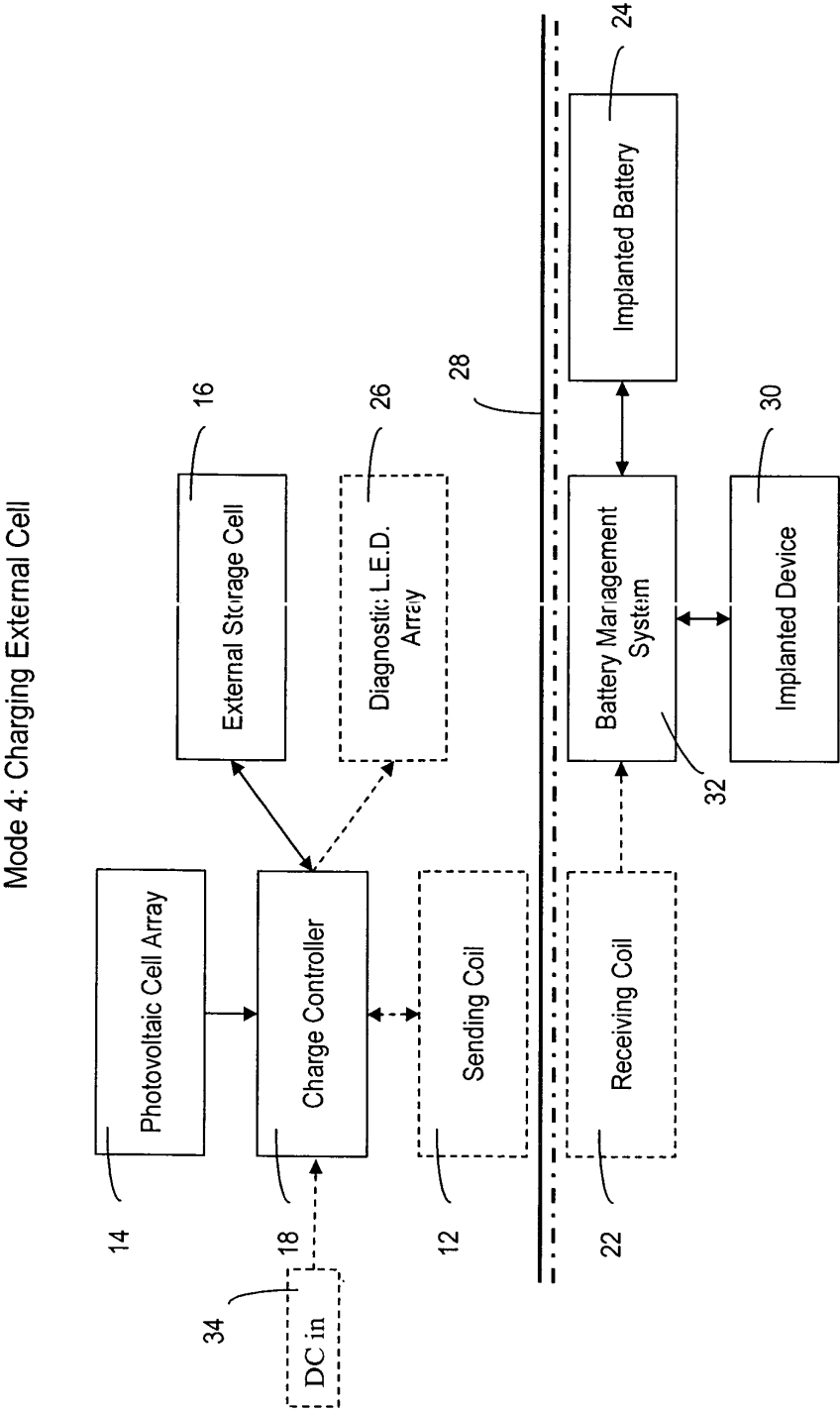


FIG. 7

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Mode 5: Communicating Implanted Battery Condition

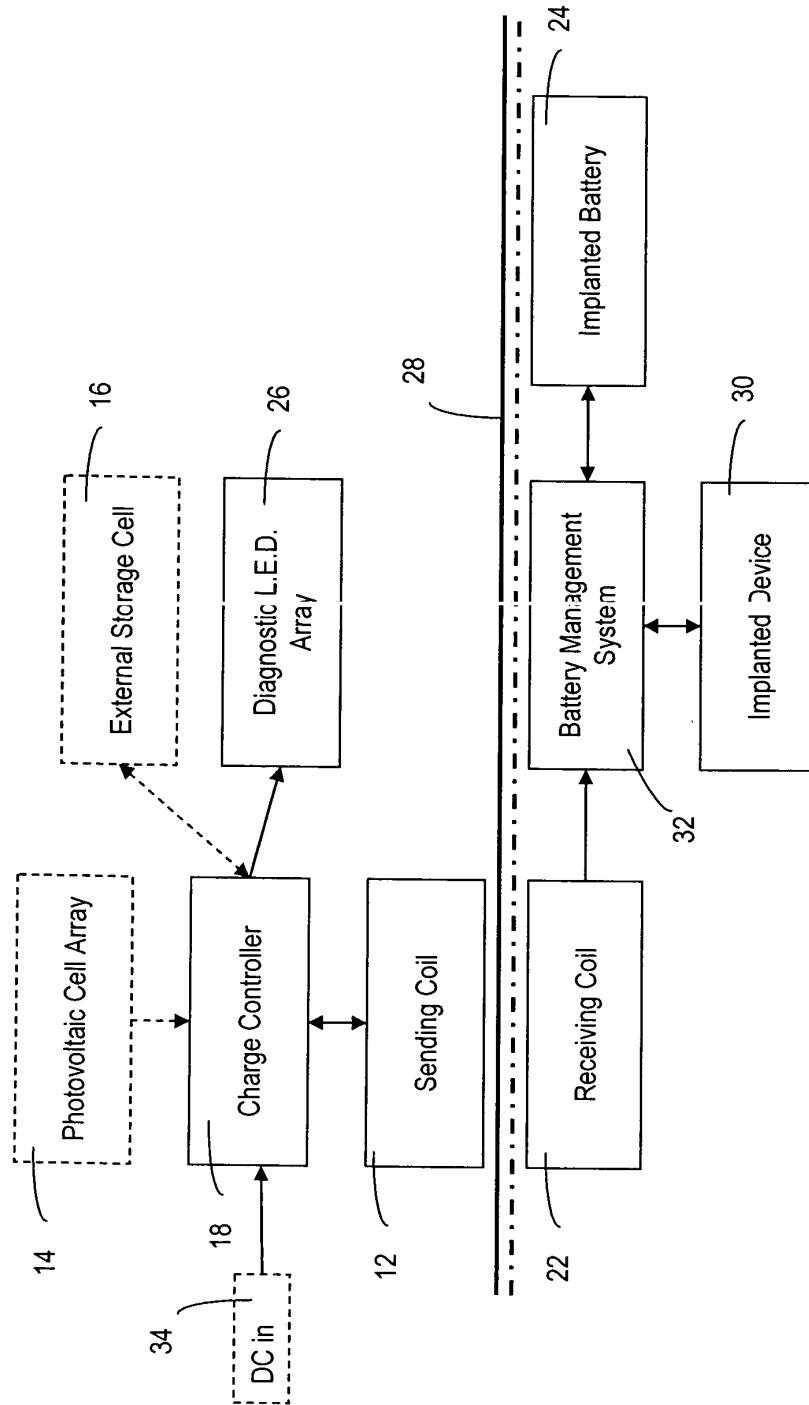


FIG. 3



Mode 6: Running Device From Photovoltaic Array

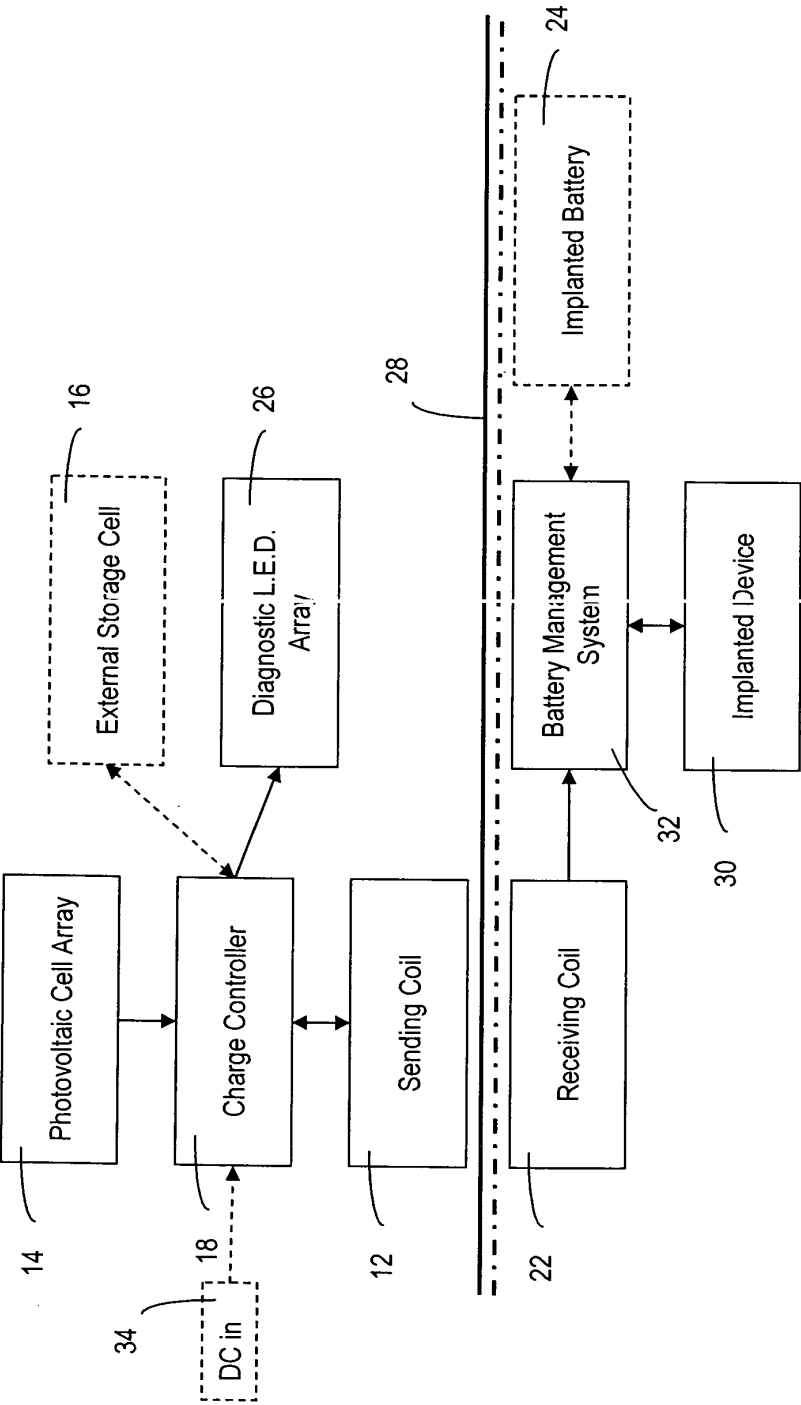


FIG. 9

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Mode 7: Running Device from External Cell

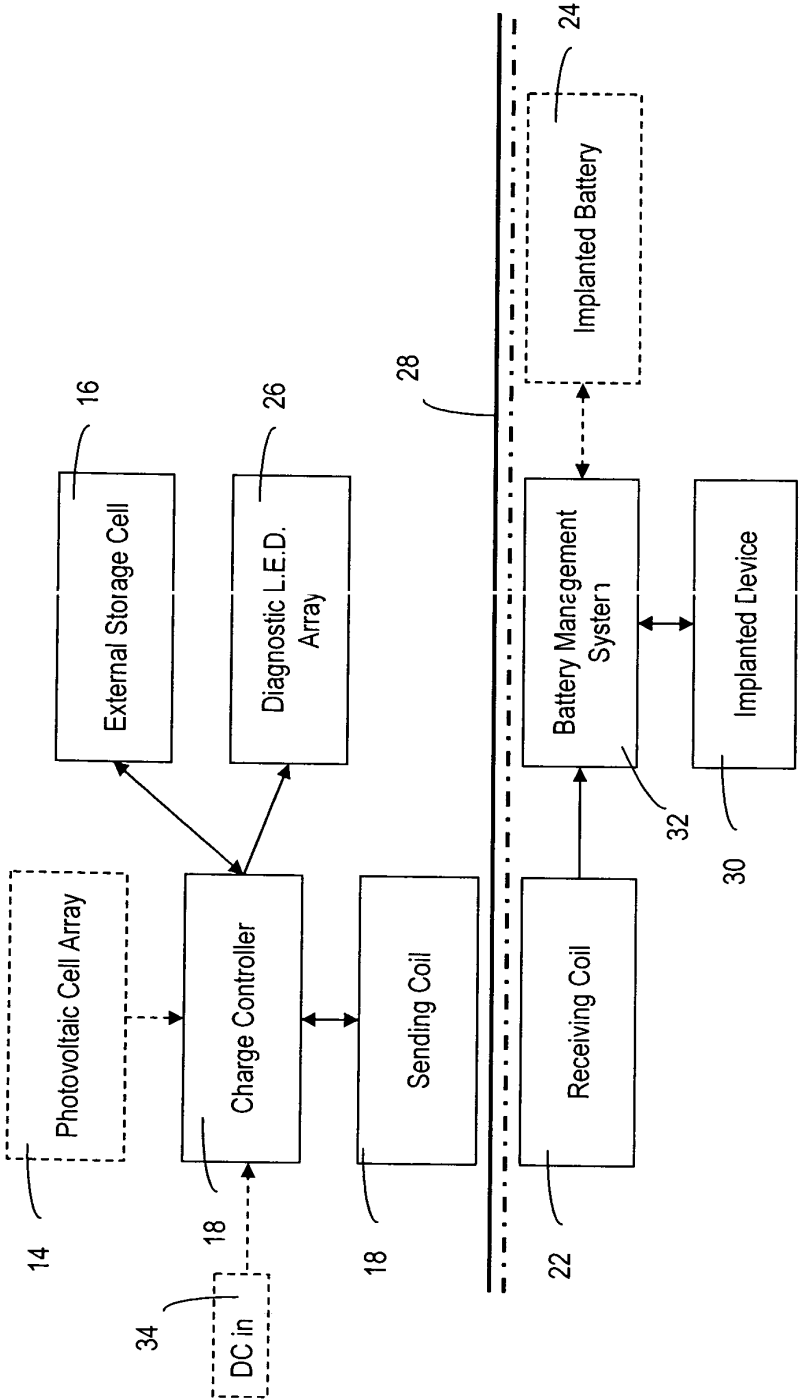


FIG. 10

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Mode 8: Running Device from DC Source

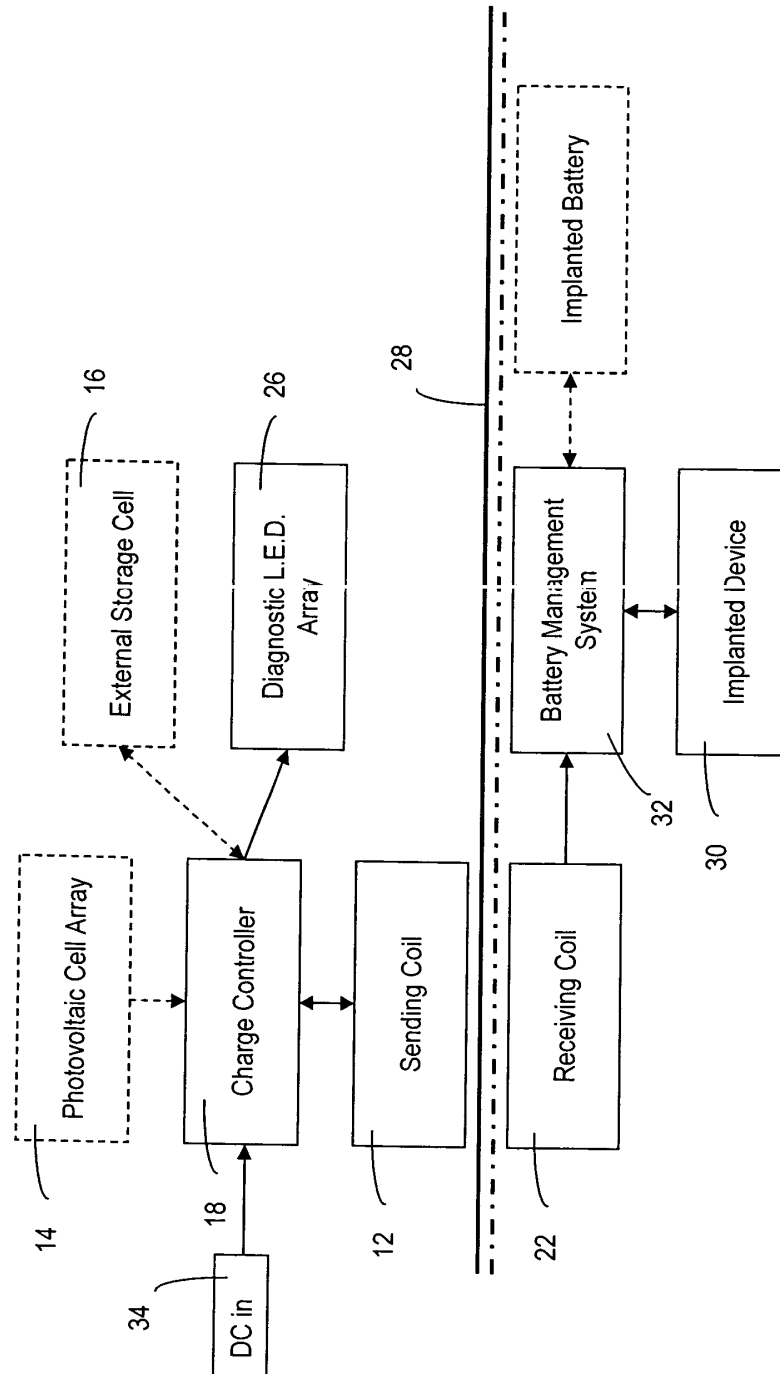


FIG. 11